ENVISION

SOMETHING TO SEE

H191W LCD MONITOR

www.ENVISIONdisplay.com

ENVISION

English

TABLE OF CONTENTS

TABLE OF CONTENTS 1
CARING FOR YOUR LCD MONITOR 2
WALL MOUNTING 2
UNPACKING 3
CONNECTING 3
STARTUP 4
BASIC SETUP 4
IMAGE SETTINGS USING THE OSD MENU 5
OSD MENU FUNCTIONS 6
TROUBLESHOOTING 9
TECHNICAL SPECIFICATIONS 10

PRECAUTIONS

- The monitor may be damaged if placed too near a source of heat. Be aware of the location of radiators, cookers, open fires etc.
- Do not cover the slots and openings on the back or top of the cabinet as the monitor requires ventilation. The monitor should be located in a well-ventilated room to prevent the possibility of overheating.
- Do not allow sharp objects such as knives, pens, or pencils near the screen. If such objects touch the screen, the LCD panel will be permanently scratched.
- When cleaning this monitor, disconnect it from the electric socket to avoid any danger of electrocution. A soft, lint-free cloth should be used to clean the outside of the monitor. A cloth very slightly moistened with a mild detergent solution will clean stubborn stains. Keep liquids away from the display screen, including sprays. Do not spray liquid directly - it is best to lightly spray on to a cloth and wipe. If liquid gets inside the monitor it can cause electrical shock and/or damage to the unit.
- If you encounter a problem, please check the "Troubleshooting" section first. If this does not resolve the problem do not attempt to repair the monitor by yourself; opening or removing covers can lead to injury or death through electrocution among other hazards. Please contact a qualified engineer if you find the troubleshooting section does not help.

CARING FOR YOUR LCD MONITOR

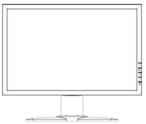
- First, unplug the power cord from the wall socket
- If the LCD screen is extremely dirty, clean it with a moist cloth. Use only warm water and then wipe the monitor dry. Solvents or harsh cleaners can damage the housing. Clean the display surface only with a soft cloth, otherwise you may damage the display's coating
- If the monitor is only slightly dirty, clean it using a soft, dry and antistatic cloth.
- The LCD monitor's screen surface is very sensitive. Please avoid any contact with the surface (finger, pencil, etc.) and be especially cautious during transportation since jolts and shocks can cause the screen to become scratched (always use the original packaging).

WALL MOUNTING

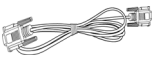
The monitor is shipped with the standard desktop configuration. However, you can optionally mount the device on a wall or on a monitor swivel arm (optional accessory). Please follow the corresponding instructions (4-hole assembly with a spacing of 4 × 4 inches (100 × 100 mm) according to the international VESA FDMI standard).

UNPACKING

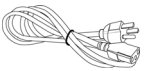
Carefully lift the monitor out of the packaging and make sure that all components are included (see fig. 1). Save the original box and packing material in case you have to ship or transport the monitor. To set up the device, you must fit the monitor base together.



Monitor
Figure 1



1 pc
Signal Cable



1 pc
Power Cable

1 pc
User's Manual

***Figure** 1.LCD Monitor*

CONNECTING

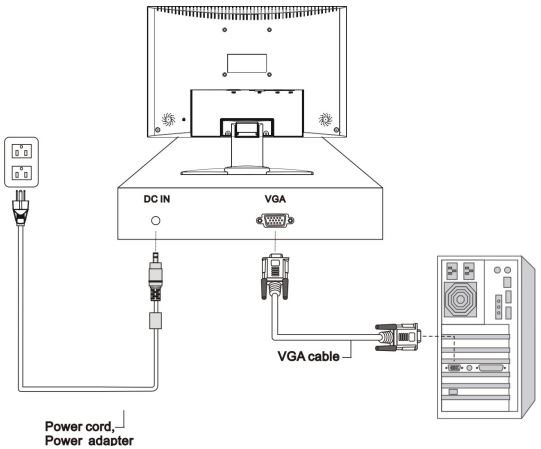
➔ To connect the monitor to your PC

1. Make sure that the PC and the monitor is unplugged.

2. Connect the 15-pin signal cable to the monitor and The PC

➔ To connect the monitor to the power source

Connect the separate power cable to the Monitor and a grounded outlet.



STARTUP

1. First start your PC and then turn on your monitor using the power switch (⑤ in fig. 4).

   The status indicator (⑥ in fig. 4) should light up blue.

2. Adjust the image to meet your requirements (see the following sections “Basic Setup” and “Image settings using the OSD menu”).

3. If there is no image displayed on the monitor, consult the section “Troubleshooting”.

BASIC SETUP

➔ Automatic Image Adjustment

You can adjust the image settings (such as brightness, contrast, image position, phase, etc.) manually or by using the LCD monitor’s automatic image adjustment feature. This will adjust the image parameters to their optimal settings for the current graphics mode. Press **EXIT/AUTO** (④ in fig. 4) to launch the automatic adjustment. The process will take a short while until completed.

➔ Shortcut for adjusting brightness and contrast

You can adjust contrast and brightness directly by pressing the **SEL/MENU** button (① in fig. 4) while the OSD menu is not displayed. then you need to press **SEL/MENU** to select either brightness or contrast then press menu to activate it, Press the **▲/INPUT** button (② in fig. 4) to increase the contrast/brightness or the ▼ button (③ in fig. 4) to decrease it.

IMAGE SETTINGS USING THE OSD MENU

The OSD menu is a window on your screen that allows you to view and change display settings. To change an OSD setting:

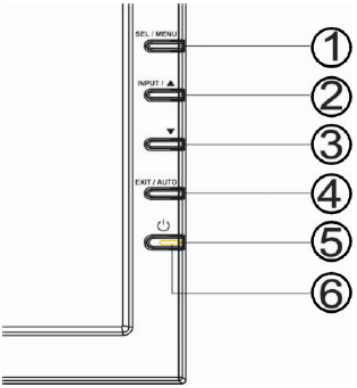


***Figure** 4.Monitor features*

Press the **SEL/MENU** button (① in fig. 4) to display the OSD menu on the screen.

1. There are a total of 6 OSD submenus divided by categories. Select the desired submenu by pressing the OSD button **SEL/MENU** button (① in fig. 4); see section "OSD Menu Functions").

2. Press the OSD button **SEL/MENU** (① in fig. 4) to activate the selected function or associated submenu.

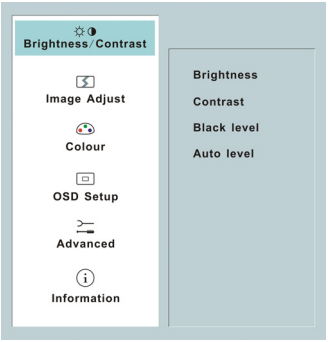
3. If you selected submenu, now select the sub-function you want using the ▲ or ▼OSD buttons(②and ③ in fig. 4).

4. Set the desired value using the OSD button ▲ or ▼ .

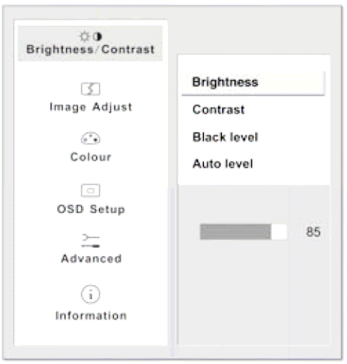
5. Press the **EXIT/AUTO** (④ in fig. 4) button to save the setting. Repeat setups 2-5 to make further adjustments as needed.

6. The OSD menu automatically disappears if no changes are made for more than 45 seconds (default setting). The current settings will be saved. You can close it manually by pressing the **EXIT/AUTO** (④in fig. 4) button

OSD MENU FUNCTIONS

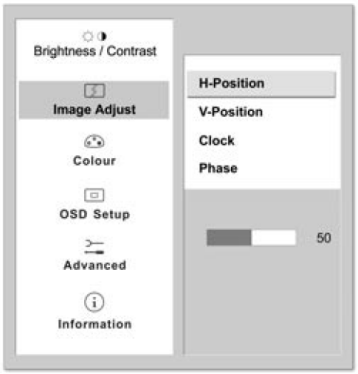


Brightness/Contrast



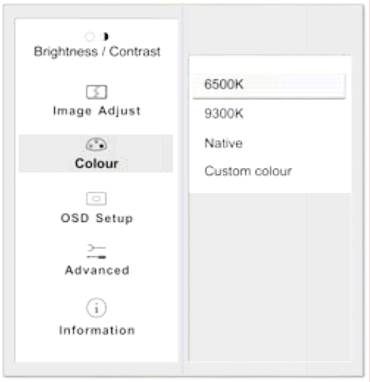
- Controls the picture's contrast, brightness, black level and auto level.

Image Control



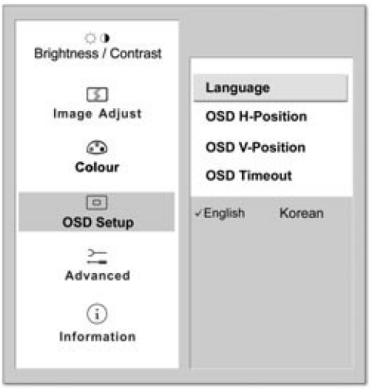
- **Auto Adjustment:** Automatically selects the optimal settings for image parameters (image position, phase, etc.) by using the button **SEL/MENU** (① in fig. 4).
- **H. Position:** Controls the picture's horizontal position.
- **V. Position:** Controls the picture's vertical position.
- **Clock:** Sets up the internal clock. Larger values make the displayed image appear wider; smaller values make it appear compressed.
- **Phase:** Adjusts the internal clock's time lag in order to optimize the screen image.

Color



• Regulates the color temperature settings. Activate the OSD window using the **SEL/MENU** button. Go to the **COLOR** option by pressing the ▲ or ▼ buttons. Press the **SEL/MENU** button and ▲ or ▼ to select R, G or B. Then you can change the color values using the ▲ or ▼ buttons

OSD Setup



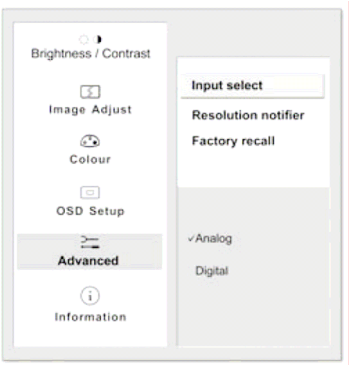
• **Language:** English, French , Spanish

• **H. OSD Position:** Controls the OSD menu's horizontal position.

• **V. OSD Position:** Controls the OSD menu's vertical position.

• **OSD Timeout:** Determines how long (in seconds) the OSD menu waits before closing automatically after no action has been performed

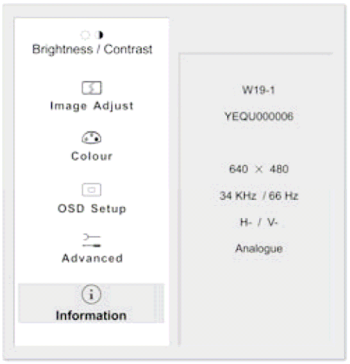
Advanced



- **Input Select:** Controls the selection of the input signal. The monitor allows you to make the following connections: analog graphics card via the 15-pin mini D-Sub interface.
- **Resolution Notifier:** There is an optional OSD window (On/Off) that displays the newly adjusted screen resolution settings including both horizontal and vertical frequencies.
- **Factory recall:**

SELECT: Start EXIT: Back

Information



- The optimum resolution for this monitor is 1440 × 900 @ 60KHz

.

TROUBLESHOOTING

Blank Screen

Power indicator is off

- Make sure the power cable and the power adapter are connected properly (see section “Connecting”).
- Make sure that the monitor was turned on using the power switch (see section “Startup”).

Power indicator lights orange

- A screen saver may have activated automatically after a certain period of inactivity. Press any key on your keyboard or move the mouse.

“Check signal cable”message

- Is the signal cable connected to the monitor and the PC’s graphics port (see section “Connecting”)?
- Is the PC turned on (see your PC’s documentation)?

Display Problems

Image is displaced to the left/right or to the top/bottom

- If the image appears normal but off-center, you can adjust it using the OSD functions. For further information, see chapter “Basic Setup”, section “Auto Image Adjustment”.

Image flickers or is shaky

- Perhaps setup file chosen for the monitor is incorrect. For information on monitor setup under Windows®9x/ME/2000/NT/XP consult the “Configuration” section.

Image is blurred

- Check brightness and contrast settings (see chapter “OSD Menu Functions”, section “Brightness/Contrast”).
- Check the resolution setting (see “Other” functions in the “OSD Menu Functions” section).

Color problems

- If the colors are off (e.g. white is not really displayed as white, etc.), you should adjust the color temperature (see “Color” function in section “OSD Menu Functions”).

TECHNICAL SPECIFICATIONS

LCD panel	19 wide diagonal size
Contrast ratio	500:1 (typical)
Viewing angle	horizontal 140°, vertical 130° (typical)
Response time	8ms (typical)
Brightness	300 cd/㎡ (typical)
Input signal	Video: analog (D-SUB)
Display colors	16.2 mill. Colors
Synchronization	31~ 81 kHz horizontal, 56 ~ 75 Hz vertical
Recommended Resolution	1440×900/60Hz
Supported Resolutions	640x480/60Hz; 640x480/67Hz; 640x480/73Hz; 640x480/75Hz; 720x400/70Hz; 800x600/56Hz; 800x600/60Hz; 800x600/72Hz; 800x600/75Hz; 832x624/75Hz; 848x480/60Hz; 1024x768/60Hz; 1024x768/70Hz;1024x768/75Hz;1028x1024/60Hz;1028x1024/75Hz; 1152x864/75Hz;1280x720/60Hz; 1280x768/60Hz; 1280x768/75Hz; 1360x768/60Hz; 1440x900/60Hz;
Power consumption	Input: 100-240 V+/-10%AC-CD, 50/60 Hz ON status: max.50 W; color of the status LED: green SLEEP status: <1.5 W; color of the status LED: amber Power saving functions EPA certified
Dimensions	Width: 446 mm, height: 375 mm, depth: 178 mm
Weight	4.6KG(Net) 6.7 kg (Gross)
Environmental	Operation: 5 - 35℃, humidity:20 - 90% (without condensation) Storage: -20- +60℃, humidity:5 – 90% (without condensation)

***The above specification is subject to actual panel specification and is subject to change without prior notice.